Urinary Tract Infection in the Neurourological Patient: Round table Discussion

Mahreen Pakzad

Department of Female, Functional and Restorative Urology
University College London Hospital, UK

Department of Uro-neurology
National Hospital for Neurology and Neurosurgery
UTI: Financial Implications

- **Def:** A pathological invasion of urothelium

- UTI’s are most common source of bacterial infection
  - Nicolle, 2008

- Recurrent UTI – 3 or> uncomplicated infections >$10^3$ CFU/ml
  - Albert *et al.* 2004

- 8.1 million UTI consults/ yr
  - Scahppert and Rechsteiner, 2008

- Annual cost in USA >$1.6 billion
  - Foxman 2002

- Annual cost to UK NHS is £124 million
  - Plowman *et al.* 2000
Antibiotic Resistance
Antimicrobial Resistance Diagnostic Challenge

• NIH (USA)

• $20 million

• 23,000 deaths/yr in US due to abx resistance

• Complements GB Longitude Prize

• Cheap, rapid, accurate, effective point of care test